

# ■ Full Stack Developer – Screening Assignment

**Objective:** We want to evaluate your ability to think like a Product Manager + Full Stack Developer. This means not just coding but also designing clean UI/UX, building scalable backend, and thinking about product improvements.

## Task Overview:

Build a Simple Task Management Application where users can:

- Sign up / Log in
- Add new tasks
- Edit or delete tasks
- Change task status (Pending / In-progress / Done)

This mini-project is designed to test your overall skills in Frontend, Backend, UI/UX, Mobile App, and Product Thinking.

## Requirements:

1. Frontend (Web): Login/Signup page, Dashboard showing tasks, Add/Edit/Delete tasks, Status dropdown, Responsive design
2. Backend (API): User authentication, CRUD APIs, Database of your choice
3. UI/UX Thinking: Clean layout, readable typography, good colors
4. Mobile App (Optional Bonus): React Native / Flutter, task list + add task, backend API integration
5. Documentation & Product Thinking: README.md with setup, tech stack, challenges, future features
6. Deployment (Optional Bonus): Deploy on Vercel / Netlify / Heroku if possible
7. Git / Version Control: Use Git and push commits to GitHub/GitLab
8. Security Basics: Validation, password hashing, secure APIs
9. AI Usage: Allowed, but must explain code and design decisions
10. Internship Option: Can apply for internship if task incomplete
11. Website Check: Visit Finlec Technologies website before attempting

**Timeline: Submit your solution within 48–72 hours.**

## Submission Format:

- Submit via GitHub (preferred) or Google Drive/Zip file
- Include README.md with setup instructions

## Evaluation Criteria:

Criteria	Weight
Code Quality (Clean, structured)	30%
UI/UX Design (Clarity, ease of use)	20%
Product Thinking (Future scope, decisions)	20%
Functionality (Working features)	20%
Bonus (Mobile app, deployment, extra features)	10%

## **Next Steps (Communication):**

Shortlisted candidates will have a 10–15 min call to:

- Explain their solution
- Discuss design and tech choices
- Share product improvement ideas

This evaluates communication skills and Product Manager mindset.

**Note:** This is a screening task, not a production-level project. Keep it simple, clean, and professional.